

Practice

For use with pages 182–186

Tell whether the fraction is in simplest form.

1. $\frac{13}{39}$

2. $\frac{25}{42}$

3. $\frac{15}{51}$

Write two fractions that are equivalent to the given fraction.

4. $\frac{5}{14}$

5. $\frac{7}{16}$

6. $\frac{18}{20}$

7. $\frac{22}{34}$

8. $\frac{14}{35}$

9. $\frac{12}{46}$

Write the fraction in simplest form.

10. $\frac{21}{24}$

11. $\frac{28}{30}$

12. $\frac{39}{52}$

13. $\frac{45}{72}$

14. $\frac{35}{42}$

15. $\frac{14}{63}$

16. You spend 3 hours every day practicing the piano. What fraction of a day do you spend practicing the piano? Give your answer in simplest form.

Practice

For use with pages 182–186

- 17.** You and a friend are taking a 300-mile car trip. You have already traveled 120 miles.

a. What fraction of the trip has been completed? Give your answer in simplest form.

b. What fraction of the trip is left? Give your answer in simplest form.

Write the fraction in simplest form.

18. $\frac{60x^3y}{40x^2y^2}$

19. $\frac{135mn^4}{50n^2}$

20. $\frac{28s}{35s^2t^3}$

21. $\frac{63v^4r}{25r^2}$

22. $\frac{75a^3b}{245ab^3}$

23. $\frac{28g^3h}{56g^3h^2}$

Use a number line to determine whether the fractions are equivalent.

24. $\frac{3}{8}, \frac{8}{24}$



25. $\frac{1}{7}, \frac{8}{14}$



26. $\frac{4}{5}, \frac{16}{20}$



Write the fractions in simplest form. Tell whether they are equivalent.

27. $\frac{39}{72}, \frac{26}{48}$

28. $\frac{42}{56}, \frac{63}{84}$

29. $\frac{68}{102}, \frac{80}{96}$